



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory
An ISO 9001:2015 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2017



12.11.2020

Job No.: CTCE/BBMP/MKB/W.No.05/CSR-1122f/Bricks/2020-21

TEST REPORT ON COMPRESSIVE STRENGTH OF BRICKS

* Customer	: Asst. Executive Engineer, Byatarayanapura Sub Division, BBMP, Bangalore.
* Agency	: Sri. Mohan Kumar.B (M/s.Mohan Construction), #10, 1st Main Road, Havanuru Layout, Nagasandra (P), Bangalore - 560073.
* Name of work	: Construction of Anganawadi building at Srirampura in Ward No.05, Byatarayanapura Sub Division, BBMP, Bangalore.
* Reference	: BBMP/EE/BTP/WO/ /2019-20 Dated : 28.11.2019
* Sample ID	: Bricks
Test Method As Per	: IS - 3495 (Part-1) :1992 (RA-2016)
Sample Received on	: 07.11.2020
Date of Testing	: 12.11.2020
Report Issue Date	: 12.11.2020

Sl.No.	Size of Bricks are in mm	Weight of Bricks in gms	Failure load in KN	Compressive Strength (N/mm ²)	Average Compressive Strength (N/mm ²)	Class Designation As per IS: 1077:1992 (RA-2016)
1	220x100x75	3438.00	120.5	5.48	5.55	5.0
2	220x100x75	3428.00	121.3	5.51		
3	220x100x75	3419.00	128.9	5.86		
4	220x100x75	3473.00	120.6	5.48		
5	220x100x75	3418.00	119.5	5.43		

* Information is furnished by the Customer/Representative

Note :

- ⇒The report shall not be reproduced, except in full, without the written approval of the laboratory.
- ⇒The results indicated above are based on the tests carried out on the samples received in the laboratory.
- ⇒Any Query regarding the report must be reported within 30 days from the date of testing.

M/s. CIVIL-TECH CONSULTANTS & ENGINEERS

Narja
Authorised Signatory



#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.
Tele fax : 23223227, Cell : 93428 39190, Website : www.civiltechconsultants.com
e-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2015 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2017



Job No.: CTCE/BBMP/MKB/W.No.05/CSR-1122f/SAND-Gradation/2020-21

12.11.2020

TEST REPORT ON SIEVE ANALYSIS OF FINE AGGREGATES

* Customer	: Asst. Executive Engineer, Byatarayanapura Sub Division, BBMP, Bangalore.
* Agency	: Sri. Mohan Kumar.B (M/s.Mohan Construction), #10, 1st Main Road, Havanuru Layout, Nagasandra (P), Bangalore - 560073.
* Name of Work	: Construction of Anganawadi building at Srirampura in Ward No.05, Byatarayanapura Sub Division, BBMP, Bangalore.
*Reference	: BBMP/EE/BTP/WO/ /2019-20 Dated : 28.11.2019
*Sample ID	: Sand For Plastering
Test Method As Per	: IS - 1542 : 1992 (RA-2019)
Sample Received on	: 10.11.2020
Date of Testing	: 12.11.2020
Report Issue Date	: 12.11.2020

Total Wt. of Aggregates in gms 1000

Is Sieved Size in mm	Cumulative Weight Passing in %	Specification Limits as per IS : 1542 - 1992 (RA-2019)
10	100	100
4.75	97.50	95-100
2.36	96.50	95-100
1.18	93.30	90-100
600 Micron	87.30	80-100
300 Micron	45.40	20-65
150 Micron	10.20	0-15

* Information is furnished by the Customer/Representative

Remarks : This tested sample satisfies requirement.

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

M/s. Civil-Tech Consultants & Engineers

Authorised Signatory



#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.
Tele fax : 23223227, Cell : 93428 39190, Website : www.civiltechconsultants.com
e-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com

Executive Engineer



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2015 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2017



Job No.: CTCE/BBMP/MKB/W.No.05/CSR-1122f/Cube/2020-21

15.12.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	: Asst. Executive Engineer, Byatarayanapura Sub Division, BBMP, Bangalore.
* Agency	: Sri. Mohan Kumar.B (M/s.Mohan Construction), #10, 1st Main Road, Havanuru Layout, Nagasandra (P), Bangalore - 560077
* Name of the work	: Construction of Anganawadi building at Srirampura in Ward No.05, Byatarayanapura Sub Division, BBMP, Bangalore.
* Reference	: BBMP/EE/BTP/WO/ /2019-20 Dated : 28.11.2019
* Sample ID	: RCC Column Footing Concrete
Test Method as per	: IS - 516 : 1959 (RA-2018)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm ²
* Grade of Concrete	: M ₂₀
Compressive Strength as on	: 28 th day
Sample Received on	: 15.12.2020
Report Issue Date	: 15.12.2020

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	17.11.2020	15.12.2020	8.119	478.5	21.27
2	17.11.2020	15.12.2020	8.298	505.4	22.46
3	17.11.2020	15.12.2020	8.327	515.6	22.92

*Information is furnished by the Customer/Representative.

Note:

- ⇒The report shall not be reproduced, except in full, without the written approval of the laboratory.
- ⇒The results indicated above are based on the tests carried out on the samples received in the laboratory.
- ⇒Any Query regarding the report must be reported within 30 days from the date of testing.



M/s. Civil-Tech Consultants & Engineers

Neeraj
Authorised Signatory





CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2015 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2017



Job No.: CTCE/BBMP/MKB/W.No.05/CSR-1122f/Cube/2020-21

22.12.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	: Asst. Executive Engineer, Byatarayanapura Sub Division, BBMP, Bangalore.
* Agency	: Sri. Mohan Kumar.B (M/s.Mohan Construction), #10, 1st Main Road, Havanuru Layout, Nagasandra (P), Bangalore - 560075
* Name of the work	: Construction of Anganawadi building at Srirampura in Ward No.05, Byatarayanapura Sub Division, BBMP, Bangalore.
* Reference	: BBMP/EE/BTP/WO/ /2019-20 Dated : 28.11.2019
* Sample ID	: RCC Plinth Beam Concrete
Test Method as per	: IS - 516 : 1959 (RA-2018)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm ²
* Grade of Concrete	: M ₂₀
Compressive Strength as on	: 28 th day
Sample Received on	: 22.12.2020
Report Issue Date	: 22.12.2020

SL.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	24.11.2020	22.12.2020	8.387	502.4	22.33
2	24.11.2020	22.12.2020	8.470	515.8	22.92
3	24.11.2020	22.12.2020	8.415	535.9	23.82

*Information is furnished by the Customer/Representative.

Note:

- ⇒The report shall not be reproduced, except in full, without the written approval of the laboratory.
- ⇒The results indicated above are based on the tests carried out on the samples received in the laboratory.
- ⇒Any Query regarding the report must be reported within 30 days from the date of testing.



M/s. Civil-Tech Consultants & Engineers

Neja
Authorised Signatory

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.
Tele fax : 23223227, Cell : 93428 39190, Website : www.civiltechconsultants.com
e-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2015 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2017



Job No.: CTCE/BBMP/MKB/W.No.05/CSR-1122f/Cube/2020-21

25.12.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	: Asst. Executive Engineer, Byatarayanapura Sub Division, BBMP, Bangalore.
* Agency	: Sri. Mohan Kumar.B (M/s.Mohan Construction), #10, 1st Main Road, Havanuru Layout, Nagasandra (P), Bangalore - 560075
* Name of the work	: Construction of Anganawadi building at Srirampura in Ward No.05, Byatarayanapura Sub Division, BBMP, Bangalore.
* Reference	: BBMP/EE/BTP/WO/ /2019-20 Dated : 28.11.2019
* Sample ID	: RCC Column Concrete
Test Method as per	: IS - 516 : 1959 (RA-2018)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm ²
* Grade of Concrete	: M ₂₀
Compressive Strength as on	: 28 th day
Sample Received on	: 25.12.2020
Report Issue Date	: 25.12.2020

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	27.11.2020	25.12.2020	8.198	480.6	21.36
2	27.11.2020	25.12.2020	8.268	514.3	22.86
3	27.11.2020	25.12.2020	8.310	526.9	23.42

*Information is furnished by the Customer/Representative.

Note:

- ⇒The report shall not be reproduced, except in full, without the written approval of the laboratory.
- ⇒The results indicated above are based on the tests carried out on the samples received in the laboratory.
- ⇒Any Query regarding the report must be reported within 30 days from the date of testing.



M/s. Civil-Tech Consultants & Engineers

Authorised Signatory

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.

Tele fax : 23223227, Cell : 93428 39190, Website : www.civiltechconsultants.com

e-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2015 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2017



Job No.: CTCE/BBMP/MKB/W.No.05/CSR-1122f/Cube/2020-21

30.12.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	: Asst. Executive Engineer, Byatarayanapura Sub Division, BBMP, Bangalore.
* Agency	: Sri. Mohan Kumar.B (M/s.Mohan Construction), #10, 1st Main Road, Havanuru Layout, Nagasandra (P), Bangalore - 560073
* Name of the work	: Construction of Anganawadi building at Srirampura in Ward No.05, Byatarayanapura Sub Division, BBMP, Bangalore.
* Reference	: BBMP/EE/BTP/WO/ /2019-20 Dated : 28.11.2019
* Sample ID	: RCC Lintel & Chejja Concrete
Test Method as per	: IS - 516 : 1959 (RA-2018)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm ²
* Grade of Concrete	: M ₂₀
Compressive Strength as on	: 28 th day
Sample Received on	: 30.12.2020
Report Issue Date	: 30.12.2020

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	02.12.2020	30.12.2020	8.178	510.8	22.70
2	02.12.2020	30.12.2020	8.415	524.6	23.32
3	02.12.2020	30.12.2020	8.215	538.9	23.95

*Information is furnished by the Customer/Representative.

Note:

- ⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.
- ⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.
- ⇒ Any Query regarding the report must be reported within 30 days from the date of testing.



M/s. Civil-Tech Consultants & Engineers

Nejja
Authorised Signatory

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.
Tele fax : 23223227, Cell : 93428 39190, Website : www.civiltechconsultants.com
e-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2015 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2017



Job No.: CTCE/BBMP/MKB/W.No.05/CSR-1122f/Cube/2020-21

06.01.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	: Asst. Executive Engineer, Byatarayanapura Sub Division, BBMP, Bangalore.
* Agency	: Sri. Mohan Kumar.B (M/s.Mohan Construction), #10, 1st Main Road, Havanuru Layout, Nagasandra (P), Bangalore - 560072
* Name of the work	: Construction of Anganawadi building at Srirampura in Ward No.05, Byatarayanapura Sub Division, BBMP, Bangalore.
* Reference	: BBMP/EE/BTP/WO/ /2019-20 Dated : 28.11.2019
* Sample ID	: RCC Roof Slab Concrete
Test Method as per	: IS - 516 : 1959 (RA-2018)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm ²
* Grade of Concrete	: M ₂₀
Compressive Strength as on	: 28 th day
Sample Received on	: 06.01.2021
Report Issue Date	: 06.01.2021

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	09.12.2020	06.01.2021	8.115	513.8	22.84
2	09.12.2020	06.01.2021	8.225	504.8	22.44
3	09.12.2020	06.01.2021	8.387	525.4	23.35

*Information is furnished by the Customer/Representative.

Note:

- ⇒The report shall not be reproduced, except in full, without the written approval of the laboratory.
- ⇒The results indicated above are based on the tests carried out on the samples received in the laboratory.
- ⇒Any Query regarding the report must be reported within 30 days from the date of testing.



M/s. Civil-Tech Consultants & Engineers

Authorised Signatory

Handwritten signature and stamp
2021-01-06 10:00:00
19/01/2021 10:00:00
19/01/2021 10:00:00



#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.
Tele fax : 23223227, Cell : 93428 39190, Website : www.civiltechconsultants.com
e-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2015 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2017



Job No.: CTCE/BBMP/MKB/W.No.05/CSR-1122f/Cube/2020-21

06.01.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

* Customer	: Asst. Executive Engineer, Byatarayanapura Sub Division, BBMP, Bangalore.
* Agency	: Sri. Mohan Kumar.B (M/s.Mohan Construction), #10, 1st Main Road, Havanuru Layout, Nagasandra (P), Bangalore - 560077
* Name of the work	: Construction of Anganawadi building at Srirampura in Ward No.05, Byatarayanapura Sub Division, BBMP, Bangalore.
* Reference	: BBMP/EE/BTP/WO/ /2019-20 Dated : 28.11.2019
* Sample ID	: Sump Tank Roof Slab Concrete
Test Method as per	: IS - 516 : 1959 (RA-2018)
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm ²
* Grade of Concrete	: M ₂₀
Compressive Strength as on	: 28 th day
Sample Received on	: 06.01.2021
Report Issue Date	: 06.01.2021

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm ²)
1	09.12.2020	06.01.2021	8.179	478.5	21.27
2	09.12.2020	06.01.2021	8.276	504.2	22.41
3	09.12.2020	06.01.2021	8.382	512.6	22.78

*Information is furnished by the Customer/Representative.

Note:

- ⇒The report shall not be reproduced, except in full, without the written approval of the laboratory.
- ⇒The results indicated above are based on the tests carried out on the samples received in the laboratory.
- ⇒Any Query regarding the report must be reported within 30 days from the date of testing.



M/s. Civil-Tech Consultants & Engineers

Authorised Signatory



#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.

Tele fax : 23223227, Cell : 93428 39190, Website : www.civiltechconsultants.com

e-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2015 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2017



Job No.: CTCE/BBMP/MKB/W.No.05/CSR-1122f/CEMENT/2020-21

Date: 06.11.2020

TEST REPORT ON CEMENT

* Customer	:	Asst. Executive Engineer, Byatarayanapura Sub Division, BBMP, Bangalore.
* Agency	:	Sri. Mohan Kumar.B (M/s.Mohan Construction), #10, 1 st Main Road, Havanuru Layout, Nagasandra (P), Bangalore - 560073.
* Name of Work	:	Construction of Anganawadi building at Srirampura in Ward No.05, Byatarayanapura Sub Division, BBMP, Bangalore.
* Reference	:	BBMP/EE/BTP/WO/ /2019-20 Dated : 28.11.2019
* Sample ID	:	Cement
Sample Received on	:	04.11.2020
Period of Testing	:	04.11.2020 to 06.11.2020
Report Issue Date	:	06.11.2020

The results of the tests conducted on the cement sample are as follows:

Sl. No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269:2015
1	Standard Consistency	IS-4031 (Part -4) : 1988 (RA-2019)	28.50 %	-
2	a) Initial Setting Time	IS-4031 (Part -5) : 1988 (RA-2019)	180 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5) : 1988 (RA-2019)	380 Minutes	Not More than 600 Minutes
3	Soundness by Le Chartier Method	IS-4031 (Part-3) : 1988 (RA-2019)	1 mm	Not more than 10mm

*Information is furnished by the Customer/Representative.

Note:

- ⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.
- ⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.
- ⇒ Any Query regarding the report must be reported within 30 days from the date of testing.

M/s. Civil-Tech Consultants & Engineers

Authorised Signatory

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.
Tele fax : 23223227, Cell : 93428 39190, Website : www.civiltechconsultants.com
e-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com

Executive Engineer



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2015 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2017



Job No.: CTCE/BBMP/MKB/W.No.05/CSR-1122f/SAND-Gradation/2020-21

06.11.2020

TEST REPORT ON SIEVE ANALYSIS OF FINE AGGREGATES

* Customer	: Asst. Executive Engineer, Byatarayanapura Sub Division, BBMP, Bangalore.
* Agency	: Sri. Mohan Kumar.B (M/s.Mohan Construction), #10, 1st Main Road, Havanuru Layout, Nagasandra (P), Bangalore - 560073.
* Name of Work	: Construction of Anganawadi building at Srirampura in Ward No.05, Byatarayanapura Sub Division, BBMP, Bangalore.
* Reference	: BBMP/EE/BTP/WO/ /2019-20 Dated : 28.11.2019
* Sample ID	: Fine Aggregates (Manufactured Sand)
Test Method As Per	: IS - 2386 (Part 1) : 1963 (RA-2016)
Sample Received On	: 04.11.2020
Date of Testing	: 06.11.2020
Report Issue Date	: 06.11.2020

Total Wt. of Aggregates in gms = 1000

IS Sieve Size in mm	Cumulative Weight Passing in %	Specific Limits as per IS 383-2016			
		Zone-I	Zone-II	Zone-III	Zone-IV
10	100	100	100	100	100
4.75	97.10	90-100	90-100	90-100	95-100
2.36	80.10	60-95	75-100	85-100	95-100
1.18	62.10	30-70	55-90	75-100	90-100
600 Micron	40.50	15-34	35-59	60-79	80-100
300 Micron	20.60	5-20	8-30	12-40	15-50
150 Micron	7.10	0-10	0-10	0-10	0-15

* Information is furnished by the Customer/Representative

Remarks : This sample is under Zone-II specific limits.

Note 1 :

For crushed stone sands, the permissible limit on 150-micron IS Sieve is increased to 20 percent. This does not affect the 5 percent allowance permitted in 4.3 of IS 383 applying to other sieve sizes.

Note 2 :

⇒The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒Any Query regarding the report must be reported within 30 days from the date of testing.

M/s. Civil-Tech Consultants & Engineers

✓

[Handwritten signature]



[Handwritten signature]
Authorised Signatory

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.

Tele fax : 23223227, Cell : 93428 39190, Website : www.civiltechconsultants.com

e-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2015 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2017



Job No.: CTCE/BBMP/MKB/W.No.05/CSR-1122f/AGG/GR/2020-21

06.11.2020

TEST REPORT ON SIEVE ANALYSIS OF COARSE AGGREGATES

* Customer	: Asst. Executive Engineer, Byatarayanapura Sub Division, BBMP, Bangalore.
* Agency	: Sri. Mohan Kumar.B (M/s.Mohan Construction), #10, 1st Main Road, Havanuru Layout, Nagasandra (P), Bangalore - 560073.
* Name of Work	: Construction of Anganawadi building at Srirampura in Ward No.05, Byatarayanapura Sub Division, BBMP, Bangalore.
* Reference	: BBMP/EE/BTP/WO/ /2019-20 Dated : 28.11.2019
* Sample ID	: Coarse Aggregates (40mm)
Test Method As Per	: IS - 2386 (Part 1) : 1963 (RA-2016)
Sample Received on	: 04.11.2020
Date of Testing	: 06.11.2020
Report Issue Date	: 06.11.2020

Total Wt. of Aggregates in gms= 5000

IS Sieve Size in mm	Cumulative Weight Passing in %	Specific Limits as per IS - 383 : 2016	
		Graded	Single Sized
80	100	100	-
63	100	-	100
40	97.54	95-100	85-100
20	41.24	30-70	0-20
10	15.14	10-35	0-5
4.75	2.84	0-5	-

* Information is furnished by the Customer/Representative

Remarks : This sample is under graded specific limits.

Note:

⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒ Any Query regarding the report must be reported within 30 days from the date of testing.

M/s. Civil-Tech Consultants & Engineers

Authorised Signatory

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.
 Tele fax : 23223227, Cell : 93428 39190, Website : www.civiltechconsultants.com
 e-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com

Executive Engineer



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2015 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2017



Job No.: CTCE/BBMP/MKB/W.No.05/CSR-1122f/AGG/GR/2020-21

06.11.2020

TEST REPORT ON SIEVE ANALYSIS OF COARSE AGGREGATES

* Customer	: Asst. Executive Engineer, Byatarayanapura Sub Division, BBMP, Bangalore.
* Agency	: Sri. Mohan Kumar.B (M/s.Mohan Construction), #10, 1st Main Road, Havanuru Layout, Nagasandra (P), Bangalore - 560073.
* Name of Work	: Construction of Anganawadi building at Srirampura in Ward No.05, Byatarayanapura Sub Division, BBMP, Bangalore.
* Reference	: BBMP/EE/BTP/WO/ /2019-20 Dated : 28.11.2019
* Sample ID	: Coarse Aggregates (20mm)
Test Method As Per	: IS - 2386 (Part 1) : 1963(RA-2016)
Sample Received on	: 04.11.2020
Date of Testing	: 06.11.2020
Report Issue Date	: 06.11.2020

Total Wt. of Aggregates in gms= 5000

IS Sieve Size in mm	Cumulative Weight Passing in %	Specific Limits as per IS - 383 : 2016	
		Graded	Single Sized
40	100	100	100
20	96.82	95-100	85-100
10	33.70	25-55	0-20
4.75	5.14	0-10	0-5

* Information is furnished by the Customer/Representative

Remarks : This sample is under Graded specific limits

Note:

⇒The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒Any Query regarding the report must be reported within 30 days from the date of testing.

M/s. Civil-Tech Consultants & Engineers

Authorised Signatory



#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.
Tele fax : 23223227, Cell : 93428 39190, Website : www.civiltechconsultants.com
e-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com

Executive Engineer

Scanned by CamScanner



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2015 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2017



Job No.: CTCE/BBMP/MKB/W.No.05/Steel/2020-21

07.11.2020

TEST REPORT ON REINFORCEMENT STEEL

* Customer	: Asst. Executive Engineer, Byatarayanapura Sub Division, BBMP, Bangalore.
* Agency	: Sri. Mohan Kumar.B (M/s.Mohan Construction), #10, 1st Main Road, Havanuru Layout, Nagasandra (P), Bangalore - 560073.
* Name of work	: Construction of Anganawadi building at Srirampura in Ward No.05, Byatarayanapura Sub Division, BBMP, Bangalore.
* Reference	: BBMP/EE/BTP/WO/ /2019-20 Dated : 28.11.2019
* Samples ID	: 8mm Bar
Test Method as per	: IS - 1786 : 2008 (RA-2016)
Date of Testing	: 07.11.2020
Report Issue Date	: 07.11.2020

Sl No	Nominal size (dia) (mm)	Mass per metre (Kg/mtr)	TENSILE STRENGTH			Bend Test	Rebend Test
			0.20% proof stress/Yield stress N/mm2	Tensile strength (Ultimate stress) N/mm2	Elongation percent gauge length		
1	8	0.39	511	552	13.1	O.K	O.K

*Information is furnished by the Customer/Representative.

Note:

- ⇒The report shall not be reproduced, except in full, without the written approval of the laboratory.
- ⇒The results indicated above are based on the tests carried out on the samples received in the laboratory.
- ⇒Any Query regarding the report must be reported within 30 days from the date of testing.



M/s. Civil-Tech Consultants & Engineers

Authorised Signatory

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.
Tele fax : 23223227, Cell : 93428 39190, Website : www.civiltechconsultants.com
e-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com

Executive Engineer



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2015 Certified Company

NABL - Accredited Laboratory as per ISO / IEC 17025 : 2017



Job No. : C T C E / BBMP / MKB / W No.05 / Steel / 2020-21

07.11.2020

TEST REPORT ON REINFORCEMENT STEEL

* Customer	1 Asst. Executive Engineer, Byatarayanapura Sub Division, BBMP, Bangalore.
* Agency	1 Sri. Mohan Kumar.B (M/s Mohan Construction), 1 #10, 1st Main Road, Havanuru Layout, Nagasandra (P), Bangalore - 560073.
* Name of work	1 Construction of Anganawadi building at Sirampura in Ward No.05, Byatarayanapura 1 Sub Division, BBMP, Bangalore.
* Reference	1 BBMP/EE/WTP/WO/ /2019-20 Dated : 28.11.2019
* Samples ID	1 10 mm Bar
Test Method as per	1 IS - 1786 : 2008 (RA 2016)
Date of Testing	1 07.11.2020
Report Issue Date	1 07.11.2020

Sl No	Nominal size (dia) (mm)	Mass per metre (Kg/mtr)	TENSILE STRENGTH			Bend Test	Rebend Test
			0.20% proof stress/Yield stress N/mm2	Tensile strength (Ultimate stress) N/mm2	Elongation percent gauge length		
1	10	0.62	515	556	13.2	O.K	O.K

*Information is furnished by the Customer/Representative.

Note:

- ⇒ The report shall not be reproduced, except in full, without the written approval of the laboratory.
- ⇒ The results indicated above are based on the tests carried out on the samples received in the laboratory.
- ⇒ Any Query regarding the report must be reported within 30 days from the date of testing.

+++++++



M/s. Civil-Tech Consultants & Engineers

Neja
Authorised Signatory



#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore 79.
Tele fax : 23223227, Cell : 93428 39190, Website : www.civiltechconsultants.com
e-mail : vishwanath.in@civiltechconsultants.com / info@civiltechconsultants.com

Executive Engineer



CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2015 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2017



Job No.: CTCE/BBMP/MKB/W.No.05/Steel/2020-21

07.11.2020

TEST REPORT ON REINFORCEMENT STEEL

* Customer	: Asst. Executive Engineer, Byatarayanapura Sub Division, BBMP, Bangalore.
* Agency	: Sri. Mohan Kumar.B (M/s.Mohan Construction), #10, 1st Main Road, Havanuru Layout, Nagasandra (P), Bangalore - 560073.
* Name of work	: Construction of Anganawadi building at Srirampura in Ward No.05, Byatarayanapura Sub Division, BBMP, Bangalore.
* Reference	: BBMP/EE/BTP/WO/ /2019-20 Dated : 28.11.2019
* Samples ID	: 12 mm Bar
Test Method as per	: IS - 1786 : 2008 (RA-2016)
Date of Testing	: 07.11.2020
Report Issue Date	: 07.11.2020

Sl No	Nominal size (dia) (mm)	Mass per metre (Kg/mtr)	TENSILE STRENGTH			Bend Test	Rebend Test
			0.20% proof stress/Yield stress N/mm2	Tensile strength (Ultimate stress) N/mm2	Elongation percent gauge length		
1	12	0.89	519	561	13.3	O.K	O.K

*Information is furnished by the Customer/Representative.

Note:

⇒The report shall not be reproduced, except in full, without the written approval of the laboratory.

⇒The results indicated above are based on the tests carried out on the samples received in the laboratory.

⇒Any Query regarding the report must be reported within 30 days from the date of testing.



M/s. Civil-Tech Consultants & Engineers

Authorised Signatory

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.

Tele fax : 23223227, Cell : 93428 39190, Website : www.civiltechconsultants.com

e-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com

TEST REPORT ON REINFORCEMENT STEEL

* Customer	: Asst. Executive Engineer, Byatarayanapura Sub Division, BBMP, Bangalore.
* Agency	: Sri. Mohan Kumar.B (M/s.Mohan Construction), #10, 1st Main Road, Havanuru Layout, Nagasandra (P), Bangalore - 560073.
* Name of work	: Construction of Anganawadi building at Srirampura in Ward No.05, Byatarayanapura Sub Division, BBMP, Bangalore.
* Reference	: BBMP/EE/BTP/WO/ /2019-20 Dated : 28.11.2019
* Samples ID	: 16 mm Bar
Test Method as per	: IS - 1786 : 2008 (RA-2016)
Date of Testing	: 07.11.2020
Report Issue Date	: 07.11.2020

Sl No	Nominal size (dia) (mm)	Mass per metre (Kg/mtr)	TENSILE STRENGTH			Bend Test	Rebend Test
			0.20% proof stress/Yield stress N/mm2	Tensile strength (Ultimate stress) N/mm2	Elongation percent gauge length		
1	16	1.58	523	565	13.35	O.K	O.K

*Information is furnished by the Customer/Representative.

Note:

- ⇒The report shall not be reproduced, except in full, without the written approval of the laboratory.
 ⇒The results indicated above are based on the tests carried out on the samples received in the laboratory.
 ⇒Any Query regarding the report must be reported within 30 days from the date of testing.



M/s. Civil-Tech Consultants & Engineers

N. S. J.
Authorised Signatory

#23/14, 7th Cross, 3rd Stage, 4th Block, Shakthi Ganapathi Nagara, Basaveshwaranagara, Bangalore-79.
 Tele fax : 23223227, Cell : 93428 39190, Website : www.civiltechconsultants.com
 e-mail : vishwanath.ia@civiltechconsultants.com / info@civiltechconsultants.com